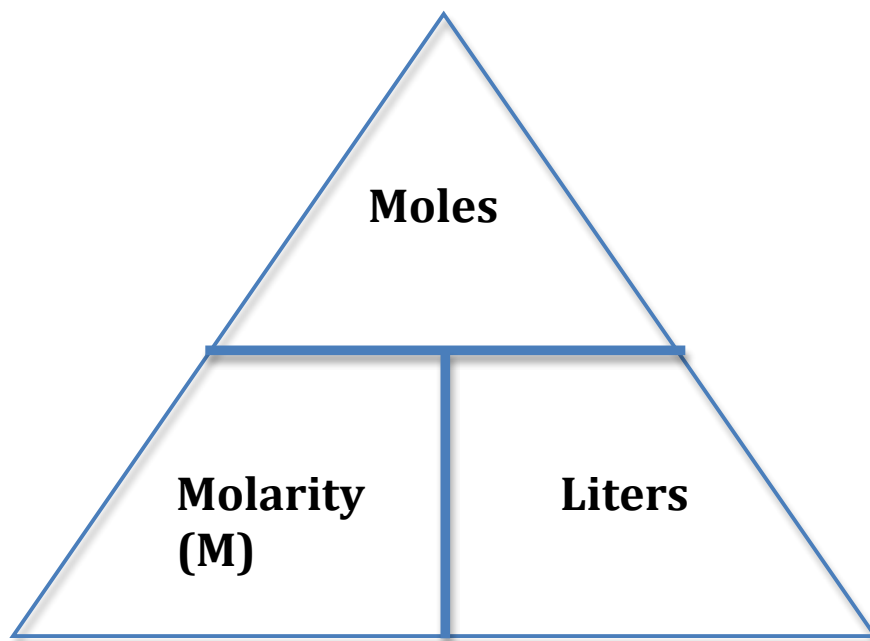


Moles and Molarity Cheat Sheet



Instructions for Moles Triangle

1. Decide what you need to find.
2. Cover the section that relates to what you need to find (ex. cover "Molarity" if you need to find the molarity of a solution)
3. Look at the remaining sections and perform the operation
 - a. If one is on top of another, it is a division problem
 - b. If they are side-by-side, it is a multiplication problem

Taken from [Calculating Molarity](#) YouTube Video
uploaded by chemistryroom205

THINGS TO REMEMBER!!!!

1 mole = 6.02×10^{23} of ANYTHING (really big number)

Molar Mass = # of grams if you have 1 mole of a substance

Molarity = $\frac{\text{\# of moles of solute}}{\text{\# of liters in total solution}}$ (always moles per liter)